



PATENT  
Attorney Docket No. 47382.000016

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventors: Peterson et al. )  
Patent No.: 5,726,450 )  
Issue Date: March 10, 1998 )  
Application No.: 08/739,487 )  
Filing Date: October 26, 1996 )

PRELIMINARY AMENDMENT,  
REQUEST FOR TRANSFER OF ORIGINAL DRAWINGS,  
AND INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner of Patents  
Washington, D.C. 20231

Sir:

PRELIMINARY AMENDMENT

Please amend the enclosed reissue application as follows.

*In the claims:*

Amend claim 1 as follows:

1. (Amended) An [unmanned optical] emissions sensor for sensing a gas mixture composition of an exhaust plume of a motor vehicle [travelling along a road], comprising:

a source for radiating a beam of [light] radiation along a path [across a road] such that the beam passes through the exhaust plume of a passing vehicle and otherwise passes through ambient air;

a receiver for sampling radiation levels at a plurality of predetermined wavelengths from the beam;